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NATIONAL PHOTOGRAPHIC
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**PHOTOGRAPHIC
INTERPRETATION
REPORT**

**SURFACE-TO-SURFACE MISSILE TRANSPORTERS
CHINA**

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INSTALLATION OR ACTIVITY NAME					COUNTRY	
Surface-to-Surface Missile Transporters					CH	
UTM COORDINATES	GEOGRAPHIC COORDINATES	CATEGORY	BE NUMBER	COMIREX NO.	NIETS NO.	
NA	See below	See below	See below	See below	See below	

MAP REFERENCE

Various

NEGATION DATE (if required)	
NA	
REQUIREMENT	NPIC PROJECT
None	250968

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Shuang-cheng-tzu MTC Launch Complex A
 Geo coord : 41-15-28N 100-17-24E

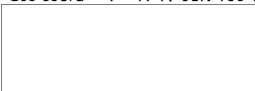


Wu-chai Main Support Base
 (Assembly & Checkout Area)
 Geo coord : 38-48-51N 111-36-40E

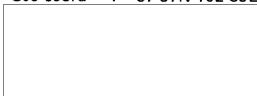


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Shuang-cheng-tzu MTC Launch Complex B
 Geo coord : 41-17-03N 100-17-50E



Wu-wei SSM Training Position
 Geo coord : 37-57N 102-39E

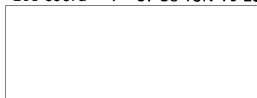


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Shuang-cheng-tzu SSM Support Facility
 (SAM/SSM Assembly & Checkout Area)
 Geo coord : 41-06-09N 100-16-19E

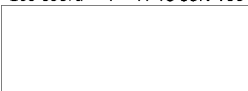


Shuang-ta Possible SSM Site
 (SS-7 Field Training Site)
 Geo coord : 37-36-15N 10-25-12E



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Shuang-cheng-tzu SSM Support Facility
 (SSM Housing & Support Area)
 Geo coord : 41-15-59N 100-20-26E

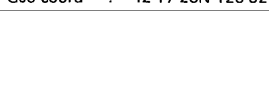


Pei-ching Guided Missile Plant
 Nan-yuan
 Geo coord : 39-47-52N 116-24-15E



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Ching-yu SSM Launch Complex
 Geo coord : 42-17-23N 126-52-47E



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ABSTRACT

1. This report describes SSM transporters or transporter-erectors seen on KEYHOLE photography of Communist China between October 1966 and November 1970. A table shows where, when, and how many of each of these types of equipment have been seen at Shuang-cheng-tzu Missile Test Center, Wu-chai SSM Complex, Ching-yu SSM Complex, Wu-wei SSM Training Position, and Pei-ching (Peking) Guided Missile Plant Nan-yuan during this period. Also included are seven photographs and seven line drawings of these pieces of equipment, plus a map.

INTRODUCTION

2. Prior to December 1966, short-range ballistic missile (SRBM) and medium-range ballistic missile (MRBM) transporters seen in China were similar to well-known German and Soviet transporters. Since December 1966, however, at least four types of indigenous intermediate-range ballistic missile (IRBM) transporters, an IRBM transporter-erector, and an intercontinental ballistic missile (ICBM) transporter have been seen in China (Figure 1). Both MRBM and IRBM transporters have been seen at the Shuang-cheng-tzu Missile Test Center (SCTMTC), Wu-wei SSM Training Position, and Pei-ching Guided

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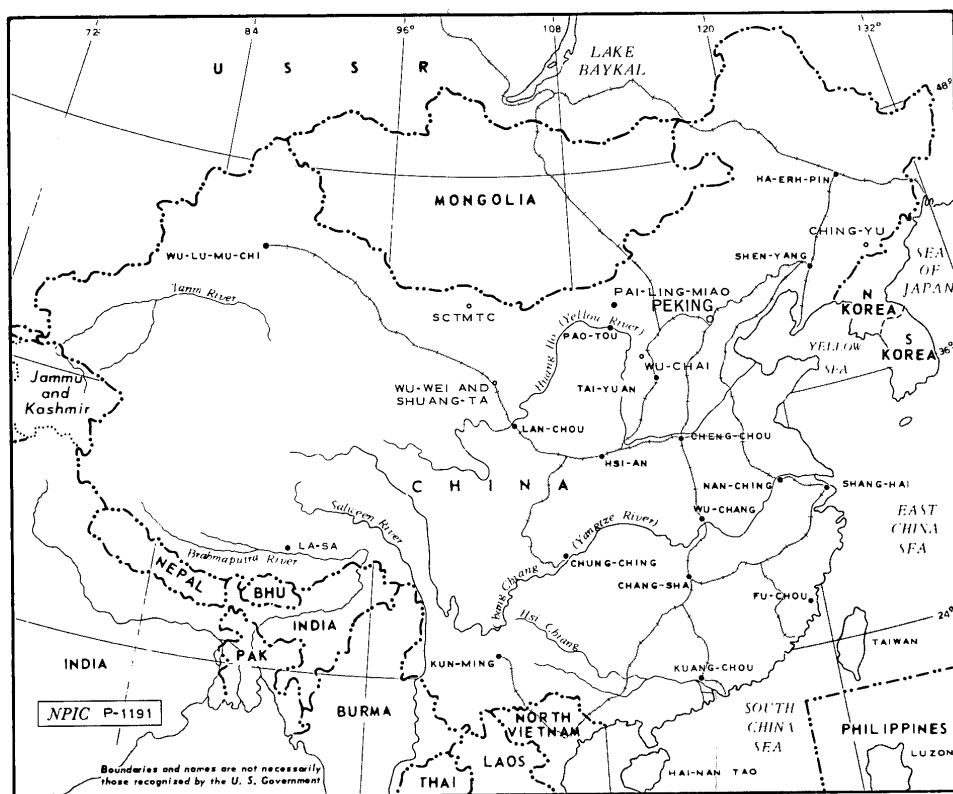


FIGURE 1. LOCATIONS WHERE SURFACE-TO-SURFACE MISSILE TRANSPORTERS HAVE BEEN SEEN IN CHINA

Missile Plant Nan-yuan. At Wu-chai SSM Complex and Ching-yu SSM Complex only IRBM transporters have been seen to date.

BASIC DESCRIPTION

SRBM Transporter-Erector

3. Only one SRBM transporter-erector (Figure 2) has ever been identified in China. [redacted] transporter-erector, identical to the German Meilerwagen, the V-2 rocket transporter-erector, was seen only one time, at the Wu-wei SSM Training Position, in October 1966 (Table 1). A V-2 rocket, or the comparable Soviet SS-1A (SCUNNER) missile, was seen in this location at the same time.

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MRBM (CSS-1) * Transporter-Erector

4. Only one type of MRBM transporter-erector (Figure 3) has been identified in China. It is [redacted] a modification of the Meilerwagen.

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5. First identified at SCTMTC in 1966, it has been seen several times since, associated with MRBM exercises at complex A (Table 1). It was present at complex D on [redacted] [redacted]. It was also seen associated with the MRBM field training exercises in the vicinity of complex A in July 1970.

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6. This transporter-erector has been seen at the Wu-wei SSM Training Position since [redacted] In September 1970 it was present at the Shuang-ta SSM field training site, 20 nautical miles south-southeast of the Wu-sei SSM Training Position.

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MRBM (CSS-1) Transporter

7. One type of MRBM transporter has been identified in China. It is of light tubular frame construction with a double-wheeled rear axle and a single-wheeled, steerable front

*CSS-1 and CSS-2 are unclassified GMAIC designators.

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axle (Figure 4). [redacted] towbar, a modified German Vidalowagen, the V-2 rocket transporter.

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8. First identified at SCTMTC in 1966, it has been seen several times since (Table 1). It usually is seen at complex A during MRBM missile exercises and was present at complex D in October 1966 during the missile-delivered nuclear test (CHIC-4). It was also seen associated with the MRBM field training exercises in the vicinity of complex A in July 1970.

9. These transporters have been seen several times at the Pei-ching Guided Missile Plant Nan-yuan since they were first observed at that location in September 1967.

10. This MRBM transporter was first seen at the Wu-swi SSM Training Position [redacted] when three were present.

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IRBM Transporters

11. Three types of IRBM first-stage transporters and one type of IRBM second-stage transporter have been identified in Communist China.

IRBM (CSS-2) Transporter, Type 1

12. This transporter (Figure 4) is similar to the MRBM transporter in that it is of light tubular frame construction with a double-wheeled rear axle and a single-wheeled, steerable front axle. It is [redacted] and has been seen with [redacted] towbars.

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13. It is different from the MRBM transporter in that it is [redacted]. Also, the tubular frame cage that protects the missile fins has been modified and the toolbox has been moved further forward.

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14. First seen at pad 1, complex , SCTMTC, in December 1966, it has been seen at Wu-chai SSM Complex since June 1970 (Table 1).

IRBM (CSS-2) Transporter, Type 2

15. This 18-meter-(59-foot-) long transporter, roughly rectangular, is 3 meters (10 feet) wide at the rear, with the forward half of the vehicle tapering gradually to [redacted]

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16. The transporter is of heavy frame construction with a single-wheeled, dual rear axle and a steerable, single-wheeled front axle.

17. First identified at Pei-ching Guided Missile Plant Nan-yuan in June 1968, it has been seen at the Wu-chai and Ching-yu SSM Complexes since June 1970.

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IRBM (CSS-2) Transporter, Type 3

19. This 18-meter-(59-foot-) long transporter, roughly rectangular, is 3 meters (10 feet) wide at one end, tapering gradually [redacted] at the other end (Figure 7).

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20. The transporter is of light frame construction with a steerable double-axle carriage at either end.

21. First identified at pad B1, complex B, at SCTMTC in October 1969, it was also seen at this location in March and April 1970, just prior to and after the Chinese Communist satellite launch. It was also seen in November 1970 at Wu-wei SSM Training Position and at the Wu-chai SSM complex (Table 1).

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